

Sprint 6 Report

Team: eLation Nation

Project: eLation Mobile Apps

Project Sponsor: Innovative Systems LLC

Spring Duration: March 20, 2013 to April 10, 2013

Team members:

- Michael Malkowski
- Rachel Pekarek
- Jeremy Warner

Project Sponsor: Innovative Systems LLC

Meetings/Client Interactions

- 3/19/13
 - Scrum Meeting
 - Updated Client with progress
- 3/26/13
 - Scrum Meeting
 - Updated Client with progress
- 4/2/13
 - Brief Scrum Meeting
 - Updated Client with progress
- 4/9/13
 - Snow Day!

Sprint Tasks

Our sprint tasks were divided into the following categories:

- Android
 - Research
 - Investigate retrieval of phone number programmatically
 - Technician Application
 - Add logging
 - Implement Log Backdoor
 - Fix Rotation Bug
 - Implement Log Filter
 - Implement changing URL
 - Prepare app for Mitchell release
 - eBill Application
 - Implement Log Backdoor
 - Implement Log Filter
 - Check for saved card on payment screen
 - Implement Trouble Ticket UI
 - Add callback entry for trouble tickets
 - Add spinner for while making a payment
 - Clear Trouble ticket fields
 - Finish My Account items
 - Landscape Mode
 - Prepare app for Mitchell release
 - Bugs
 - Fix Service Summary Layout
- Apple
 - Research
 - Horizontal Scrolling
 - Investigate retrieval of phone number programmatically
 - Technician Application
 - Implement Backdoor for Log
 - eBill Application
 - Implement Backdoor for Log
 - Implement Trouble Ticket UI
 - Add callback field for Trouble Ticket
 - Finish My Account items
 - Bugs
 - AutoLayout fixes
 - Handle Diagnostics failure in Technician App

- API
 - API
 - Implement Cookie/Token authentication
 - Rework Trouble Ticket
 - Standardizing API behavior between Apple and Android
 - Add additional error checking on Apple parsing
 - Build custom change default email classes for Apple and Android
 - Bugs
 - Investigate misc bugs in app functionality
 - Work with Innovative to get external server working (testing role)
 - Work with Innovative to get the payments system working (testing role)
 - Resolve incorrect 403 return codes
 - Unit Tests
 - All Parsing Functions
 - System tests
 - Documentation
 - Full API documentation

Goals Met

This section will detail the goals we were able to meet for this sprint.

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 - Horizontal Scrolling

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 - Bugs
 - Investigate misc bugs in app functionality
 - Work with Innovative to get external server working (testing role)
 - Work with Innovative to get the payments system working (testing role)
 - Resolve incorrect 403 return codes
 - Unit Tests
 - All Parsing Functions
 - Documentation
 - Full API documentation
 - Not fully completed

Goals Not Met

This section will detail the goals we did not meet for this sprint

- Android
 - eBill Application
 - Landscape Mode
- API
 - API
 - Implement Cookie/Token authentication
 - This is functionality that is needed by Innovative going forward, but not as a part of our Senior Design Project. It will be completed after the design fair.
 - Unit Tests
 - System tests
 - While system is well tested, still need formal tests written.
 - Documentation
 - Full API documentation
 - Not fully completed

Research/Code Experiments

Mike and Rachel both researched the ability to retrieve the device's phone number programmatically for the Android and iOS devices. In both cases, the results showed that it was not possible for iOS and could not be achieved for Android.

Rachel attempted to implement horizontal scrolling for the Technician App. With the new iOS AutoLayout implementation, this does not work. It is likely that future AutoLayout implementations should make this fairly simple. As of now, however, horizontal scrolling has been moved to the product backlog.

Product Backlog

- Android
 - Technician Application
 - Maintain App Life
 - UI Testing
 - Device/Version Testing
 - eBill Application
 - Maintain App Life
 - Landscape Mode
 - UI Testing
 - Device/Version Testing
- Apple
 - Technician Application
 - Horizontal Scrolling
 - UI Testing
 - Device/Version Testing
 - eBill Application
 - Account Items
 - Need to implement revised email functionality
 - Support Page
 - UI Testing
 - Device/Version Testing
- API
 - API
 - Add Date formatting options
 - Change Default Email setup
 - 403 Error testing
 - Implement forked Cookie/Token-capable API
 - Some Refactoring and misc. work
 - Testing
 - API System Tests
 - Documentation
 - API Documentation
- Documentation
 - Work on CONOPS
 - Work on Requirements/Design Document